



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ernst Muellner et al.
Appl. No.: 09/941,082
Conf. No.: 5767
Filed: August 28, 2001
Title: CLOCK AND DATA REGENERATION WITH DEMULTIPLEXER
FUNCTION
Art Unit: Unknown
Examiner: Unknown
Docket No.: 112740-298

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I hereby certify that the following documents relating to the above-identified application:

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2. IDS, PTO 1449, references; and
3. return receipt postcard.

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on June 9, 2003.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Robert Fuccieri

Name of Person Mailing Correspondence

Signature

2831
#6
sp
07-02-03

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))		Docket No. 112740-298	
In Re Application Of: Ernst Muellner et al.			
Serial No. 09/941,082	Filing Date August 28, 2001	Examiner	Group Art Unit
Title: CLOCK AND DATA REGENERATION WITH DEMULTIPLEXER FUNCTION			
Address to: Assistant Commissioner for Patents Washington, D.C. 20231		RECEIVED JUN 13 2003 Technology Center 2600	
<p align="center">37 CFR 1.97(b)</p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p align="center">37 CFR 1.97(c)</p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p align="center">OR</p> <p><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>			

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(e))

Docket No.
112740-298

In Re Application: Ernst Muellner et al.

Serial No.
09/941,082

Filing Date
August 28, 2001

Examiner

Group Art Unit

CLOCK AND DATA REGENERATION WITH DEMULTIPLEXER FUNCTION

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(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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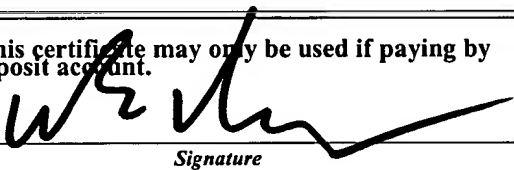
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Signature

Dated: June 9, 2003

William E. Vaughan (Reg. No. 39,056)
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CC:



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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which are enclosed, be made during the course of examination of the above-identified application for United States patent.

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
DE 197 17 586 C1		Germany

OTHER DOCUMENTS

IEEE Journal of Solid State Circuits, Vol. 34, No. 9, September 1999, pages 1320-1324.

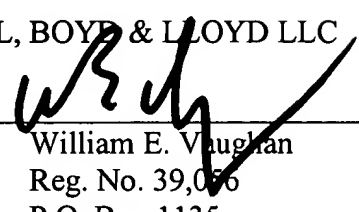
German DE 197 17 586 C1 relates to a clock and data recovery circuit for high data rate which has first and second flip-flop stages which provide parallel data streams with half data rate of input data signal, two EXOR gates controlled by a third D-Flip-flop stage and a subtractor whose output controls an oscillator.

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY



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P.O. Box 1135

Chicago, Illinois 60690-1135

Phone: (312) 807-4292

Dated: June 9, 2003

Group

[illegible][illegible]

Examiner's Initials		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
		IEEE Journal of Solid State Circuits, Vol. 34, No. 9, September 1999, pages 1320-1324

***Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**